Contents

NUMBER 1 March

GERD BUCHDAHL	1	*Studies in History and Philosophy of Science.* Origins and Aims: Some 'Birthday Thoughts'
MARIO BIAGIOLI	5	Meyerson: Science and the "Irrational"
FRITS SCHIPPER	43	William Whewell's Conception of Scientific Revolutions
MALCOLM R. FORSTER	55	Unification, Explanation, and the Composition of Causes in Newtonian Mechanics
JIM SHELTON	103	The Role of Observation and Simplicity in Einstein's Epistemology
M. HAMPE and S. R. MORGAN	119	Two Consequences of Richard Dawkins' View of Genes and Organisms
	139	Books Received

NUMBER 2 **June**

ERHARD SCHEIBE 141 The Physicists' Conception of Progress

PETER KOSSO 161 Spacetime Horizons and Unobservability

GARY HATFIELD 175 Representation and Content in Some (Actual) Theories of Perception

DANIEL ROCHOWIAK 215 Darwin's Psychological Theorizing: Triangulating on Habit

KOSTAS GAVROGLU and YORGOS GOUDAROULIS 243 Heike Kamerlingh Onnes' Researches at Leiden and Their Methodological Implications

NUMBER 3 **September**

SIMON SCHAFFER	275	Wallifaction: Thomas Hobbes on School Divinity and Experimental Pneumatics
PETER BARKER and BERNARD R. GOLDSTEIN	299	The Role of Comets in The Copernican Revolution
JAN FAYE	321	The Bohr – Høffding Relationship Reconsidered
DOUWE TIEMERSMA	347	Methodological and Theoretical Aspects of Descartes' Treatise on The Rainbow
ANDREW CUNNINGHAM	365	Getting the Game Right: Some Plain Words on The Identity and Invention of Science
Discussion		
DIMITER GINEV	391	Scientific Progress and the Hermeneutic Circle
Errata	397	

Number 4 December

R. J. J. MARTIN — 399 Explaining John Freind's *History of Physick*

ALLAN FRANKLIN and COLIN HOWSON — 419 It Probably is a Valid Experimental Result: a Bayesian Approach to the Epistemology of Experiment

JOEL M. SMITH — 429 Inconsistency and Scientific Reasoning

FRANS GREGERSEN and SIMO KØPPE — 447 Against Epistemological Relativism

H. ZANDVOORT — 489 Macromolecules, Dogmatism, and Scientific Change: the Prehistory of Polymer Chemistry as Testing Ground for Philosophy of Science

Discussions

L. A. WHITT — 517 Conceptual Dimensions of Theory Appraisal

LARRY LAUDAN — 531 Conceptual Problems Re-visited

i Index to Volume 19, 1988